

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled) A contact pesticide comprising a neurally-effective substance dispersed in a carrier, the neurally-effective substance comprising benzyl alcohol.

2. (New) A method for killing or controlling invertebrates, comprising:  
applying a pesticidally-effective amount of a pesticidal composition to an invertebrate or to a locus where killing or control of an invertebrate is desired, wherein the pesticidal composition comprises

a pesticidally-acceptable carrier, and

an active ingredient comprising benzyl alcohol and phenethyl propionate.

3. (New) The method of claim 2, wherein the invertebrate is an ant.

4. (New) The method of claim 2, wherein the invertebrate is a flea.

5. (New) The method of claim 2, wherein the invertebrate is an earwig.

6. (New) The method of claim 2, wherein the invertebrate is a tick.

7. (New) The method of claim 2, wherein the invertebrate is a beetle.

8. (New) The method of claim 2, wherein the invertebrate is a fly.

9. (New) The method of claim 2, wherein the invertebrate is a cricket.

10. (New) The method of claim 2, wherein the invertebrate is a cockroach.

11. (New) The method of claim 2, wherein the invertebrate is a wasp.

12. (New) The method of claim 2, wherein the invertebrate is a termite.

13. (New) The method of claim 2, wherein the invertebrate is a mosquito.

14. (New) The method of claim 2, wherein the invertebrate is a pillbug.
15. (New) The method of claim 2, wherein the invertebrate is a spider.
16. (New) The method of claim 2, wherein the invertebrates are selected from the group consisting of insects and arachnids.
17. (New) The method of claim 2, wherein the active ingredient interferes with neurotransmission in invertebrates.
18. (New) The method of claim 2, wherein the active ingredient interferes with octopamine receptor sites in invertebrates.
19. (New) The method of claim 2, wherein the active ingredient is present in the pesticidal composition in an amount of from about 0.01% to about 10% by weight.
20. (New) The method of claim 19, wherein the active ingredient is present in the pesticidal composition in an amount of from about 0.01% to about 1.0 % by weight.
21. (New) The method of claim 2, wherein the carrier is a member selected from the group consisting of: a wettable powder, a dry powder, a waterproof dust, an aerosol propellant, and water having at least one emulsifier therein.